kodland

CERTIFICATE
OF EXCELLENCE

Sekmenoglu Amine

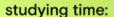successfully graduated

Python course

(Consists of 32 classes)

Took 1st place in the group.

1st

studying time: 18.10.23 - 29.05.24

Founder of **Kodland**
A.Nosulich

ODREVAL LIMITED
The Common Seal
CYPRUS

Python

⏱ The course's duration: 32 lessons

💻 Learning program:

module 1 Programming basics: variables, data types and operations on them, input of text and numbers (240 hours)

module 2 Logic and loops: conditional statements, combinations of conditions, infinite loop (240 hours)

module 3 Advanced work with loops: FOR loop, conditional statements in a FOR loop, interfering with a loop (240 hours)

module 4 Lists, dictionaries and functions (240 hours)

module 5 Pygame Zero Introduction: acquaintance, keyboard and animations, colliderect and text output, creation of the functions (240 hours)

module 6 Clicker development: mouse motion, click processing, skins buying (240 hours)

module 7 Roguelike-game. Collidelist method. (240 hours)

module 8 Create your own project. (240 hours)

✅ Completed projects

- Turtle Race game
- "Rock paper scissors" game
- Labyrinth game
- Space Invaders and Animal clicker games
- Roguelike-game with cellular structure
- Own unique project

Python

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🧱 Developed Hard skills

The student will learn to use the following language elements:

- Variable
- Data types
- Keyboard input
- Function
- Conditional statements (if, else, elif)
- Loops (For, While)
- Conditional statements
- Lists
- Dictionaries

Turtle library, Pygame zero, Fundamentals of Python programming

�½ Developed Soft Skills:

- Ability to find problems and willing to solve them
- Critical thinking
- Willingness and courage to dream (through creating a safe environment in our classes)
- Teamwork
- Decision-making under uncertainty
- Love of making mistakes (and iterations)
- Out of the box thinking